

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500891.01APPLICATION NO.
09/823,935**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

APPLICANT(S)

James R. Peterson, Robert H. Mullis and Gregory M. Hunter

FILING DATE

March 30, 2001

GROUP ART UNIT

2673

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Jrw</i>	AP	Beets, Kristof et al., "Super-sampling Anti-aliasing Analyzed", Beyond3D, (2000) pp. 1-22, < http://www.Beyond3D.com >.
	AQ	

EXAMINER

Jonathan Wang

DATE CONSIDERED

1/27/2005

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500891.01APPLICATION NO.
09/823,935

INFORMATION DISCLOSURE STATEMENT

(Include copy of each sheet if necessary)

APPLICANT(S)

James R. Peterson et al.

FILING DATE

March 30, 2001

GROUP ART UNIT

2672

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AC							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Jrw</i>	AD	Abrash, M., "Inside Xbox Graphics", Dr. Dobb's Journal: Software Tools for the Professional Programmer, Vol. 25, No. 8, August 2000, pp. 21-26.					
<i>Jrw</i>	AE	Author Unknown, "BB Scunthorpe - Four Queens Busy", Steel Times, Vol. 223, No. 2, February 1995, pp. 70-71.					
<i>Jrw</i>	AF	Bowers, G., "Reconstruction and Repair of Blast Furnaces", Metal Construction and British Welding Journal, August 1970, pp. 317-321.					
<i>Jrw</i>	AG	Brabham, M., "The Unusual Suspects", www.insideelectronics.com, March/April 2000, pp. 15-16.					
<i>Jrw</i>	AH	Ding, J. et al., "Aliasing-Free Space and Time Compactions with Limited Overhead", IEEE 2000 First International Symposium on Quality Electronic Design, March 2000, pp. 355-360.					
<i>Jrw</i>	AI	Ewins, J. et al., "Implementing An Anisotropic Texture Filter" Computers & Graphics 24 (2000), pp. 253-267.					
<i>Jrw</i>	AJ	Hart, J. et al., "Antialiased Parameterized Solid Texturing Simplified for Consumer-Level Hardware Implementation", Proceedings of the Eurographics/SIGGRAPH Workshop on Graphics Hardware, Los Angeles, California, August 1999, pp. 45-53, 140.					
<i>Jrw</i>	AK	Horita, K. et al., "Advanced Shallow Trench Isolation to Suppress the Inverse Narrow Channel Effects for 0.24 μ m Pitch Isolation and Beyond", Symposium on VLSI Technology, Digest of Technical Papers, June 2000, pp. 178-179.					
<i>Jrw</i>	AL	Igehy, H., "Tracing Ray Differentials", Computer Graphics, Proceedings, Annual Conference Series 1999, Siggraph 99, Conference Proceedings, August 1999, pp. 179-186.					
<i>Jrw</i>	AM	Jouppi, N. et al., "Z ³ : An Economical Hardware Technique for High-Quality Antialiasing and Transparency", Proceedings of the Eurographics/SIGGRAPH Workshop on Graphics Hardware, Los Angeles, California, August 1999, pp. 85-93, 143.					

EXAMINER

Jmchenwang

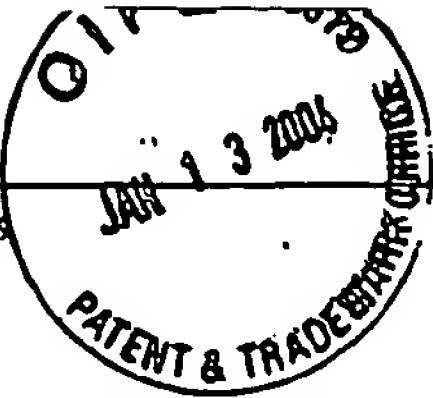
DATE CONSIDERED

1/27/2005

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 500891.01		APPLICATION NO. 09/823,935	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) James R. Peterson et al.			
				FILING DATE March 30, 2001		GROUP ART UNIT 2672	
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>JRW</i>	AN	Keating, B., "Efficient Shadow Antialiasing Using an A-Buffer", Journal of Graphics Tools, Vol. 4, No. 3, 1999, pp. 23-33.					
<i>JRW</i>	AO	Kiuchi, H. et al., "3.1.3 KSP Data-Acquisition System", Journal of the Communications Research Laboratory, Vol. 46, No. 1, March 1999, pp. 25-32					
<i>JRW</i>	AP	Lee, J. et al., "SPARP: A Single Pass Antialiased Rasterization Processor", Computers & Graphics 24 (2000), pp. 233-243					
<i>JRW</i>	AQ	Okumura, A. et al., "Parallel Programming with Layered Streams", Symposium on Logic Programming, IEEE, August 1987, pp. 224-232					
<i>JRW</i>	AR	Sauceda, A. et al., "Antialiasing Filter with High Pupil Apertures", 18 th Congress of the International Commission for Optics: Optics for the Next Millennium, San Fransisco, 1999, SPIE Vol. 3749, pg. 767.					
<i>JRW</i>	AS	Shahin, A. et al., "Cooperation of Fuzzy Segmentation Operators for Correction Aliasing Phenomenon in 3D color Doppler Imaging", Artificial Intelligence in Medicine, Vol. 19, No. 2, June 2000, pp. 121-154.					
<i>JRW</i>	AT	Spero, C. et al., "Corrosion Performance of Mild Steel in Coal Leachate", Materials Forum, Vol. 12, January 1988, pp. 73-78.					
<i>JRW</i>	AU	Waele, S.D. et al., "Error Measure for Resampled Irregular Data", IEEE Transactions on Instrumentation and Measurement, Vol. 49, No. 2, April 2000, pp. 216-222.					
<i>JRW</i>	AV	Wan, M. et al., "Interactive Stereoscopic Rendering of Voxel-based Terrain", Center for Visual Computing and Department of Computer Science State University of New York at Stony Brook, IEEE, March 2000, pp. 197-206					
<i>JRW</i>	AW	Yang, X. et al., "Scalable Wavelet Video Coding Using Aliasing-Reduced Hierarchical Motion Compensation", IEEE Transactions on Image Processing, Vol. 9, No. 5, May 2000, pp. 778-791.					
<i>JRW</i>	AX	Zhang, H., "Forward Shadow Mapping", Proceedings of the Eurographics Workshop, Vienna, Austria, June 1998, pp. 131-138, 330.					
	AY						
EXAMINER <i>Jen-Cheng Wang</i>				DATE CONSIDERED <i>1/27/2005</i>			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant(s).							

FORM PTO-1449
(REV. 7-80)



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
500891.01

APPLICATION NO.
09/823,935

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
James R. Peterson et al.

FILING DATE
March 30, 2001

GROUP ART UNIT
2672

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>gwr</i>	AA	2003/0043169 A1	03/06/03	Hunter	345	611	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

RECEIVED

JAN 16 2004

Technology Center 2600

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	
	AR	

EXAMINER

Imchen Wang

DATE CONSIDERED

1/27/2005

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500891.01APPLICATION NO.
09/823,935

INFORMATION DISCLOSURE STATEMENT

(Classify and cite if necessary)

APPLICANT(S)

James R. Peterson et al.

FILING DATE

March 30, 2001

GROUP ART UNIT

2672

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JRW</i>	AA	6,650,323 B2	11/18/03	Naegle et al.	345	419	
<i>JRW</i>	AB	6,697,063 B1	02/24/04	Zhu	345	421	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

RECEIVED

APR 28 2004

Technology Center 2600

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	
	AR	

EXAMINER

Jinchen Wang

DATE CONSIDERED

1/27/2005

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 500891.01		APPLICATION NO. 09/823,935	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT(S) James R. Peterson et al.			
				FILING DATE March 30, 2001		GROUP ART UNIT 2672	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>JRW</i>	AA	5,959,598	09/28/99	McKnight	345	90	
<i>JRW</i>	AB	6,038,031	03/14/00	Murphy	358	1.09	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
					YES	NO	

OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
AP	
AQ	
AR	

EXAMINER <i>Jinchen Wang</i>	DATE CONSIDERED <i>1/27/2005</i>
-------------------------------------	-----------------------------------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500891.01APPLICATION NO.
09/823,935

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

APPLICANT(S)
James R. Peterson et al.FILING DATE
March 30, 2001GROUP ART UNIT
2672**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Jew</i>	AA	6,133,901	10/17/00	Law	345	136	
<i>Jew</i>	AB	6,249,287 B1	06/19/01	Yamrom	345	419	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	
	AR	

EXAMINER

Santheng Wang

DATE CONSIDERED

01/27/2005

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).